Philosophical Magazine Series 3

ISSN: 1941-5966 (Print) 1941-5974 (Online) Journal homepage: http://www.tandfonline.com/loi/tphm14

Meteorological Observations made at the Apartments of the Royal Society, London, by the Assistant Secretary, Mr. Roberton; by Mr. Thompson, at the Garden of the Horticultural Society at Chiswick, near London; by Mr. Veall, at Boston; by the Rev. W. Dunbar, at Applegarth Manse, Dumfries-shire; and by the Rev. C. Clouston, at Sandwick Manse, Orkney

To cite this article: (1842) Meteorological Observations made at the Apartments of the Royal Society, London, by the Assistant Secretary, Mr. Roberton; by Mr. Thompson, at the Garden of the Horticultural Society at Chiswick, near London; by Mr. Veall, at Boston; by the Rev. W. Dunbar, at Applegarth Manse, Dumfries-shire; and by the Rev. C. Clouston, at Sandwick Manse, Orkney , Philosophical Magazine Series 3, 20:132, 448-448, DOI: 10.1080/14786444208650613

To link to this article: http://dx.doi.org/10.1080/14786444208650613

Published online: 01 Jun 2009.

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Meteorological Observations made at the Apartments of the Royal Society, LONDON, *by the Assistant Secretary,* Mr. Roberton; *by* Mr. Thompson, *at the Garden of the Horticultural Society at* CHISWICK, *near London; by* Mr. Veall, *at* BOSTON; *by the* Rev. W. Dunbar, *at Applegarth Manse,* DUMFRIES-SHIRE; *and by the* Rev. C. Clouston, *at Sandwick Manse,* ORKNEY.

Days of Month.	Barometer.								Thermometer.										Wind.					Rain.					Dew-point.
	London: Roy. Soc. 9 a.m.	Chiswick.		Boston. 8½ a.m.	Dumfries-shire.		Orkney, Sandwick.		London: R.S.			Chiswick.		Boston. 8½ a.m.	Dumf.-shire.		Orkney, Sandwick.		London: R.S. 9 a.m.	Chiswick. 1 p.m.	Boston.	Dumfries-shire.	Orkney, Sandwick.	London: R.S. 9 a.m.	Chiswick.	Boston.	Dumfries-shire.	Orkney, Sandwick.	Lond. R. S. 9 a.m.
1842. Mar.		Max.	Min.		9 a.m.	9 p.m.	9½ a.m.	8½ p.m.	Fahr. 9 a.m.	Self-reg. Mx.	Self-reg. Mn.	Max.	Min.		Max.	Min.	9½ a.m.	8½ p.m.											
1.	29·236	29·588	29·226	28·83	28·97	29·11	28·79	28·96	49·8	50·5	42·0	51	34	47	45	34½	41	41	s.	w.	calm	sw.	w.	·047	·02	·09	.....	·04	46
2.	29·770	29·766	29·701	29·33	29·25	29·35	29·21	29·43	43·7	51·0	37·8	52	49	38	40	33½	40	40	s.	sw.	w.	sw.	nw.	.....	·41	·04	.....	·05	40
3.	29·916	29·856	29·839	29·35	29·50	29·38	29·66	29·35	52·3	52·6	43·7	57	41	51	46	37	39½	36	ssw.	sw.	calm	sse.	e.	·402	·01	·28	.....	.....	47
☾ 4.	30·008	29·957	29·918	29·43	29·62	29·65	29·38	29·55	45·3	55·8	43·8	48	29	47	45½	35	41	41	sw.	w.	calm	sw.	w.	.....	.....	·10	.....	·91	45
5.	30·042	30·036	30·008	29·52	29·75	29·80	29·73	29·81	41·3	50·6	39·0	54	27	42	49	35½	41	40½	s.	w.	calm	wsw.	sw.	.....	.....	.....	.....	·06	42
6.	30·010	29·992	29·813	29·59	29·79	29·60	29·78	29·55	42·0	52·2	39·2	54	26	40·5	51	39	43	42	ssw.	se.	calm	sse.	s.	.....	.....	.....	.....	·12	41
7.	29·750	29·720	29·477	29·26	29·37	29·10	29·35	29·07	44·3	51·0	39·0	54	46	40	45	35	42	43	s.	s.	calm	sse.	se.	.....	·02	.....	0·93	.....	40
8.	29·528	29·500	29·416	28·97	29·17	29·20	28·93	29·15	51·5	51·8	44·3	57	35	48	47	38	41	38	s.	sw.	w.	sw.	sw.	.....	·17	.....	.....	·03	46
9.	29·660	29·606	29·152	29·13	29·20	29·10	29·16	29·10	43·3	54·6	39·0	48	37	41	42½	32	39	36	s.	w.	calm	sw.	s.	·150	·47	.....	.....	.....	42
10.	29·574	30·018	29·463	29·04	29·33	29·72	29·22	29·55	41·5	49·4	38·6	47	31	37	44	33	38	39	w.	nw.	nw.	w.	sw.	·455	·01	·72	.....	·06	40
11.	30·040	30·040	29·825	29·55	29·55	29·40	29·39	28·51	45·3	48·6	40·0	50	27	41	45½	35½	39	43½	s.	s.	calm	sw.	s.	.....	.....	.....	.....	·14	40
● 12.	30·094	30·045	29·938	29·59	29·78	29·58	29·66	29·50	44·3	53·6	41·3	58	40	41	48	36	44	41½	w.	sw.	calm	sse.	w.	.....	·06	.....	.....	·23	42
13.	29·940	30·132	29·888	29·39	29·65	29·89	29·53	29·84	46·3	56·0	43·7	57	37	46	49	37	43½	41	w.	w.	w.	w.	sw.	·094	.....	·03	.....	·18	44
14.	30·276	30·284	30·223	29·82	29·95	29·98	29·82	29·86	45·4	51·7	44·2	49	45	41·5	49	38	44	46	s.	s.	calm	sw.	se.	·022	·02	.....	.....	.....	43
15.	30·398	30·332	30·324	29·84	30·08	30·10	29·94	30·03	49·5	50·8	45·3	54	46	52	49	44	51	46	s.	sw.	calm	sw.	sw.	.....	.....	.....	0·50	.....	46
16.	30·360	30·316	30·138	29·82	30·05	29·83	30·09	29·96	51·3	54·6	49·8	56	44	51	48	43	46	42	s.	sw.	calm	sw.	.....	.....	.....	.....	.....	.....	49
17.	30·188	30·131	29·761	29·63	29·89	29·32	29·81	29·33	50·3	52·7	47·4	56	43	46	46½	36½	42	42½	w.	sw.	calm	ssw.	sw.	.....	·05	·12	.....	·14	48
18.	29·792	29·739	29·609	29·19	29·30	29·24	29·10	29·01	48·7	55·3	45·7	52	35	45	48	37½	44	42½	w.	w.	w.	w.	sw.	·041	.....	·04	.....	·15	48
☽ 19.	29·558	29·562	29·280	29·06	29·12	28·98	29·07	29·23	43·6	52·3	39·0	46	40	41	44	33	43½	40	w.	sw.	w.	w.	w.	.....	.....	.....	.....	·07	40
20.	29·298	29·638	29·400	28·95	29·30	29·63	29·51	29·90	41·7	46·7	41·4	48	38	41·5	45	33	40	37	nw.	nw.	n.	nw.	n.	·080	·10	·13	.....	·05	42
21.	29·890	30·157	29·890	29·52	30·01	30·16	30·23	30·20	41·7	48·0	39·4	49	34	43	46	34	39	38	nw.	n.	n.	n.	n.	·105	·08	·16	.....	·02	39
22.	30·158	30·151	29·951	29·78	30·00	30·06	30·16	30·32	39·5	46·4	36·9	48	30	37·5	47½	31	40	36	nw.	n.	calm	n.	n.	·091	·08	.....	.....	·08	36
23.	30·124	30·183	30·102	29·75	30·18	30·15	30·26	30·15	39·5	45·2	34·3	46	28	39	45½	30½	40½	45	n.	n.	calm	nw.	w.	·094	·03	·09	0·55	.....	35
24.	30·240	30·221	30·167	29·85	30·10	30·10	30·16	29·98	37·8	43·2	33·6	46	34	37	57	33	46	44	n.	w.	n.	wnw.	w.	·025	.....	·05	.....	·04	35
25.	30·128	30·130	29·607	29·69	29·82	28·98	29·52	29·02	44·7	45·2	37·9	54	36	45	51	39½	44½	33	sw.	w.	calm	w.	w.	.....	·07	·03	.....	·05	39
○ 26.	29·636	29·629	29·581	29·12	29·26	29·42	29·14	29·34	44·8	53·4	39·8	50	29	42·5	45½	34	34	35	w.	nw.	w.	wnw.	nw.	·086	·01	.....	.....	·74	40
27.	29·774	29·763	29·746	29·34	29·52	29·46	29·46	29·49	43·3	49·0	36·0	52	41	41·5	46	30½	37	36	w.	w.	calm	w.	nw.	.....	·02	.....	.....	·02	40
28.	29·720	29·740	29·704	29·25	29·37	29·27	29·16	29·24	50·3	50·8	43·0	60	47	48	54	40	47	41½	w.	w.	calm	sw.	sw.	.....	.....	·06	.....	·44	43
29.	29·912	29·921	29·860	29·38	29·61	29·70	29·32	29·56	50·2	58·5	49·2	59	48	48	49	38½	41	43	w.	w.	calm	sw.	w.	.....	.....	·03	.....	·26	46
30.	29·896	29·914	29·836	29·32	29·46	29·57	29·43	29·34	50·7	57·4	49·2	59	42	51	53	40½	45	43	s.	sw.	calm	s & w.	s.	·016	·05	.....	0·76	.....	48
31.	29·780	29·795	29·426	29·26	29·22	29·20	29·18	29·22	48·8	57·4	45·6	56	43	45	55	40	41½	40	sse.	sw.	w.	w.	n.	·069	·13	·11	.....	·10	47
Mean.	29·893	29·931	29·718	29·40	29·584	29·549	29·520	29·501	45·6	51·5	41·6	52·48	37·48	43·7	47·6	36·0	41·87	40·41						Sum. 1·777	1·81	2·08	2·74	3·98	Mean. 42